

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Cheh GOH, et al.	)	Re: Information Disclosure
	)	Statement
Serial No.: Not yet assigned	)	
	)	Our Ref: B-5236 621255-8
Filed: Concurrently herewith	)	
	)	
For: "DATA OUTPUT METHOD, SYSTEM	)	
AND APPARATUS"	)	Date: September 16, 2003

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits.

The documents listed in the enclosed Form PTO-1449 (modified) include the documents cited in the Search Report of the corresponding British application. Copies of the British Search Report (1 page) and the documents cited on the enclosed Form PTO-1449 (modified) are enclosed herewith.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice

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of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

This Information Disclosure Statement is being filed concurrently herewith. Therefore, Applicants believe that no official fees should be due; and this IDS should be considered on the merits.

Respectfully submitted,



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Attorney for Applicant  
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Enclosures: Form PTO-1449 (modified) (1 page)  
Copy of British Search Report (1 page)  
Copies of documents listed in Form PTO-1449 (modified)

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Form PTO-1449 (Modified)	ATTY DOCKET NO. B-5236 621255-8	U.S. SERIAL NO. Not yet assigned
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) Cheh GOH, et al.	
	FILING DATE Concurrently herewith	GROUP Not yet assigned

September 16, 2003

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,119,108	9/2000	Holmes et al.	705	40	
	2001/0037462 A1	Published 11/2001	Bengston	713	201	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	2 336 512 A	11/1999	GB			
	0 665 486 A2	8/1995	EP			
	0 935 182 A1	8/1999	EP			
	1 146 684 A2	10/2001	EP			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	D. Boneh and M. Franklin, "Identity-Based Encryption from the Weil Pairing," <i>Advances in Cryptology - CRYPTO 2001</i> , LNCS 2139, pp. 213-229, Springer-Verlag, 2001.
	D. Boneh, et al., "Identity-Based Mediated RSA," <i>3rd Workshop on Information Security Application</i> , Jeju Island, Korea, Aug. 2002.
	C. Cocks, "An Identity Based Encryption Scheme Based on Quadratic Residues," <i>Proceedings of the 8th IMA International Conference on Cryptography and Coding</i> , LNCS 2260, pp. 360-363, Springer-Verlag, 2001.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INVESTOR IN PEOPLE

**Application No:** GB 0221639.8  
**Claims searched:** 1-20

**Examiner:** Nigel Hanley  
**Date of search:** 11 April 2003

## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance	
X	1, 2, 5, 6, 11, 13, 14, 17	GB 2336512 A	INTEL - See whole document. Note encryption of a document at a sending node and decryption at a printer. Note also need to authenticate recipient.
X	1, 2, 5-7, 11, 13, 14, 17	EP 0935182 A1	HEWLETT-PACKARD(182) - Note encryption of document using symmetric ciphers including an Elliptic Curve Elgamal encryption key before communication to a printer.
X	1, 2, 5, 6, 11, 13, 14, 17	EP 0665486 A2	AT&T - See whole document especially Section 3.2.1. Note use of customer details in forming an encryption key for application to a document.
X	1, 2, 5, 6, 11, 13, 14, 17	EP 1146684 A2	HEWLETT PACKARD(684) - Note formation of an envelope containing program objects and encrypted document and communication to a printer.
X	1, 2, 5, 6, 11, 13, 14, 17	US 6119108 A	AIRES - See whole document. Note use of sensitive information provided by the user to encrypt a document for printing.
A		US 20010037462 A1	BENGTSON - See whole document and Fig 5. Note transmission of a public key from a printer to a document supplier for encryption of a document and subsequent decryption at the printer.

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search: